



**AS** ACOUSTIC  
SOLUTIONS

# DX 3BB

## INSTRUCTION MANUAL

BEFORE ATTEMPTING TO CONNECT, OPERATE OR ADJUST THIS PRODUCT,  
PLEASE READ THIS MANUAL COMPLETELY





## DX 333 INSTRUCTION MANUAL

May we take this opportunity to thank you for purchasing this DX 333 Home Theatre System. Please note the listed precautions and take time to study the operating instructions, this will ensure that you gain maximum enjoyment from the DX 333.

Manufactured under license from Dolby Labor  
"AC-3", "PRO LOGIC" and the double-D symbol  
Dolby Laboratories.

Confidential unpublished works © 1992-1997  
All rights reserved.

### CONTENTS

P1	Welcome
P2	Safety instruc
P3	Main features
P4	Remote contr
P5	System connec
P6	Loudspeaker i
P7	System funct
P8	Troubleshooti



# SAFETY INSTRUCTIONS

**CAUTION:** To reduce the risk of electric shock, do not remove any cover. No user-serviceable parts inside. Refer any servicing to qualified service personnel.

## IMPORTANT SAFETY INSTRUCTIONS

- Read and keep these instructions available for future reference.
- For indoor use only.
- The unit must only be connected to a suitable mains power supply using the mains power lead provided.
- To reduce the risk of fire or electrical shock, do not expose this unit to rain or moisture.
- Unplug the unit from the wall socket during lightning storms and when it is not going to be used for a long period of time.
- When the system is not going to be used for some time, remove the batteries from the remote control to avoid damage caused by battery leakage or corrosion, and unplug the unit.
- Take care that foreign objects do not enter, or liquids are not spilled, into the enclosure through any openings. If this should happen, refer to qualified service personnel before attempting to use.
- Ensure adequate ventilation - do not cover the sub woofer unit with curtains, etc.
- Do not install near any heat source, such as radiators, or other equipment that produces heat.
- Protect the mains power cable from being damaged.
- Use only the satellite speakers and remote control provided.
- The DX 333 system is double insulated, when servicing only use identical replacement parts.



## UK MAINS PLUG DETAILS

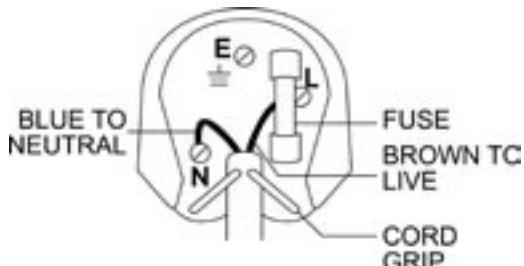
For your convenience a mains plug with a fuse (5 Amp) has been fitted to this appliance. For your safety please observe the following information.

The DX 333 is designed to operate on AC mains supply between 220 and 240 volts, 50 Hz.

The wires in the mains lead are coloured in accordance with the following code:

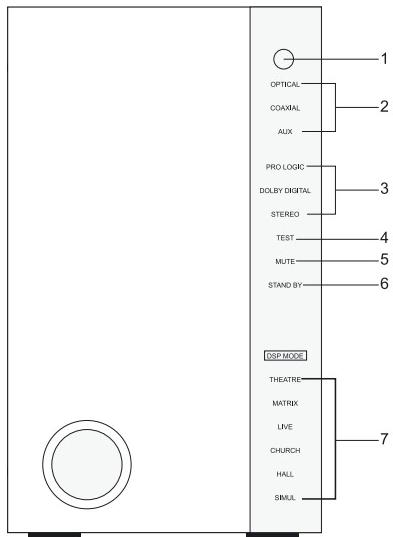
BLUE	NEUTRAL
BROWN	LIVE

Under no circumstances should the Neutral or Live wires be connected to the 'E' (Earth) terminal.



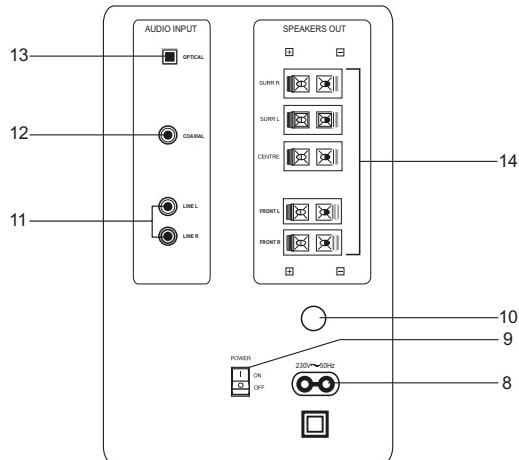
# MAIN FEATURES

- Built-in 5.1 Dolby Digital AC-3 decoder for direct connection with any DVD featuring digital audio output to give full cinema surround sound experience.
- Built-in six channel power amplifier.
- Full function remote control, including channel levels and tone controls.
- System features microcomputer processing, producing high-definition audio clarity from digital technology.
- Dolby Digital ® special effects to enhance listening pleasure.
- Matching satellite speakers for wall or stand mounting.
- Satellite speakers are magnetically-shielded, and will have no influence on the TV picture.
- Credit card sized remote control.



## FRONT/REAR PANEL LAYOUT

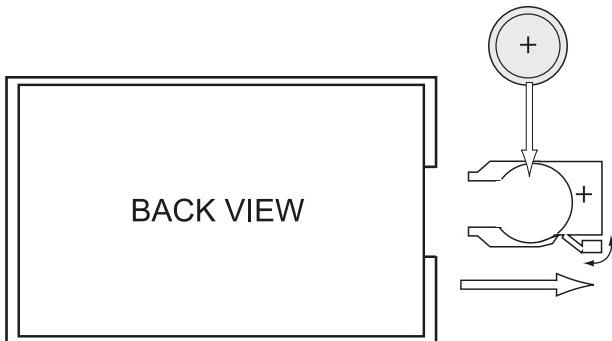
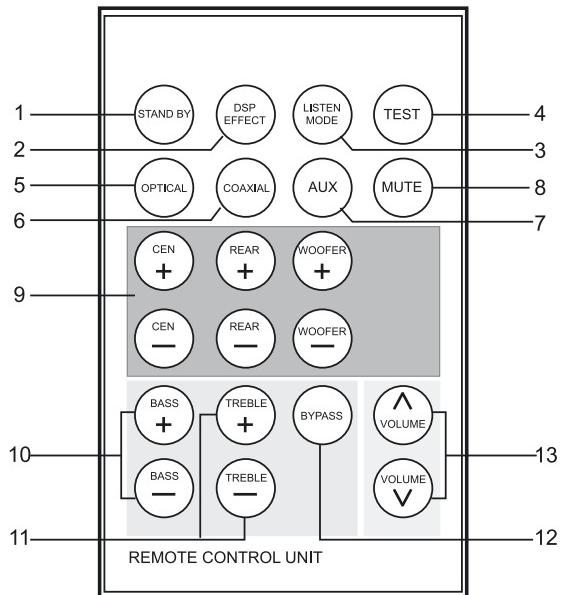
1. Remote control receiver
2. Input mode indicator (Optical, Coaxial or Auxiliary)
3. Operating mode indicator (Pro logic, Dolby digital or Stereo)
4. Test function indicator
5. Mute indicator
6. Standby indicator
7. DSP mode indicator (Theatre, Matrix, Live, Church, Hall, Simulated)
8. AC power socket
9. Power Switch
10. Fuse holder
11. AUX input terminals
12. Coaxial input terminal
13. Optical input terminal
14. Satellite speaker connection terminals



# REMOTE CONTROL FEATURES

Insert the battery observing the correct (+) and (-) polarity.

**NOTE:** If the remote control unit only works when operated near to the DX 333, replace the battery. Use a CR 2025 3V lithium battery only.



1. Standby selector
2. DSP effect selector
3. Listening mode selector
4. Test function selector
5. Optical input selector
6. Coaxial input selector
7. Auxiliary input selector
8. Mute button
9. Centre, surround & subwoofer channels level adjustment
10. Bass level adjustment
11. Treble level adjustment
12. Bypass button
13. Master volume button

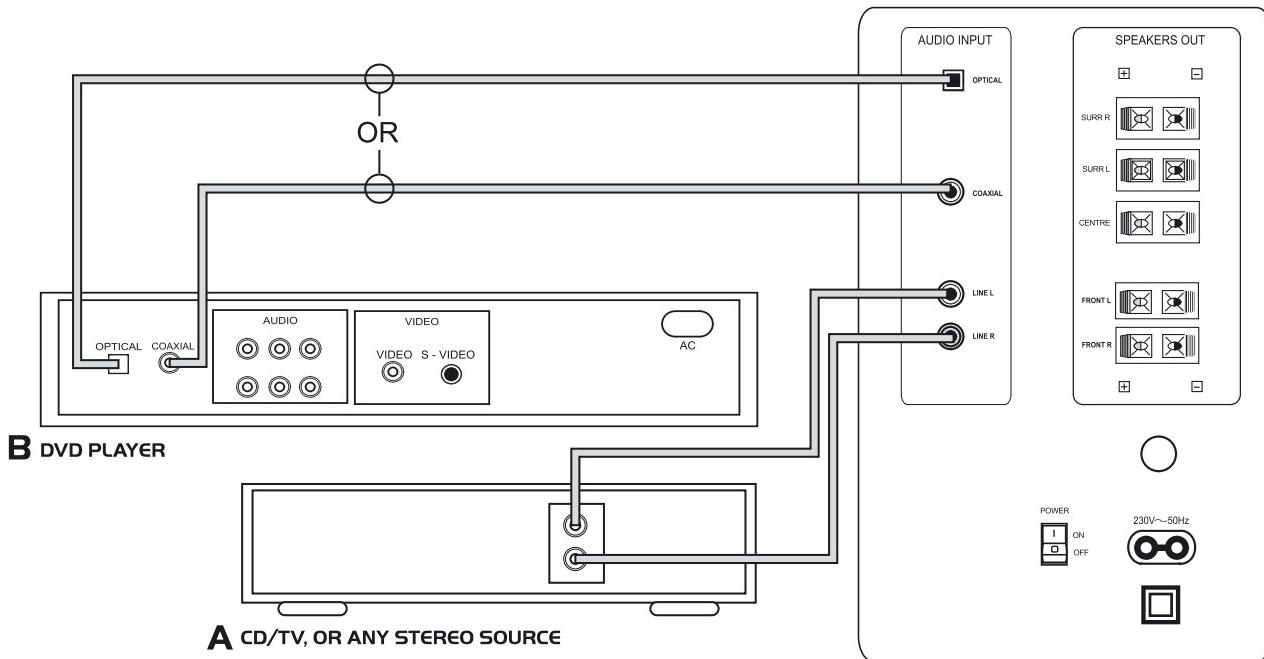
**Note:** Do not place objects between the remote control unit and the remote control receiver (see front panel features). Operating this remote control unit while simultaneously operating the remote control unit of another piece of equipment may cause interference.

# SYSTEM CONNECTION

It is recommended that the mains power is OFF until all connections have been made and checked.

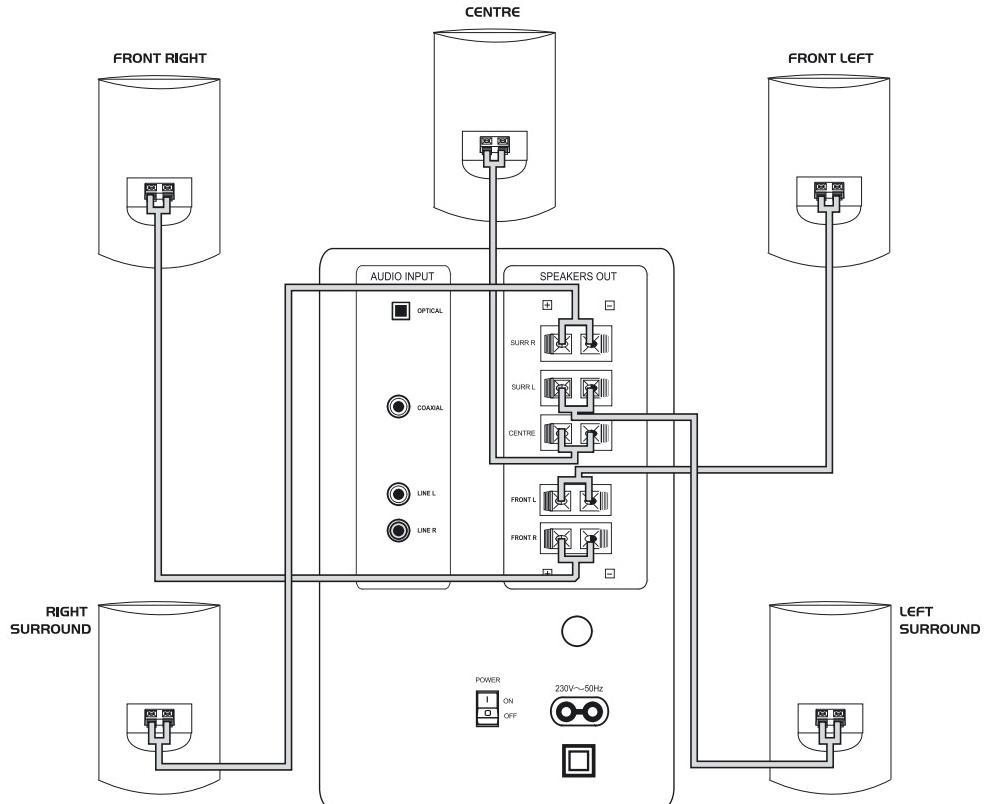
**A. Connection to a stereo sound source (CD player, TV, Tuner, etc).** Use the RCA phono lead to connect to the RIGHT and LEFT channels of the stereo sound system to the Auxiliary input connectors.

**B. Digital input from a DVD player.** Use either the provided coaxial digital lead (yellow) to the coaxial input socket (12 on rear panel) or a suitable optical lead (not supplied) to the optical connector (13 on rear panel).



# LOUDSPEAKER CONNECTIONS

Ensure the correct polarity (+) and (-) of all speaker leads. Check to make sure there are no wires touching on the speaker terminals, and that all wires are firmly clamped into the terminals.



# SYSTEM FUNCTION AND OPERATION

## 1. First make sure that all connections are correctly made:

- Connect the power plug to a suitable mains socket and switch the DX 333 system ON using the power switch (9).

## 2. Select the desired input:

- Select AUX (7) on the remote control unit to listen to the analogue stereo sound source connected to the AUX inputs on the rear panel.
- Select COAXIAL (6) on the remote control unit to listen to the digital audio source connected to the COAXIAL input connector on the rear panel.
- Select OPTICAL (5) on the remote control unit to listen to the digital audio source connected to the OPTICAL input connector on the rear panel.

## 3. Listening mode selecting:

- Depending on the type of input selected, pressing the DSP EFFECT button (2) allows you to select one of the Dolby Digital listening modes: Theatre, Matrix, Live, Church, Hall, Simul (simulated)
- According to the type of digital input, pressing LISTEN MODE (3) allows you to select the Dolby Digital decoding options of PRO LOGIC or STEREO. The DX 333 automatically detects the type of signal being input from a DVD player, and highlights "Dolby Digital" if a 5.1 Dolby Digital signal is input, "PRO LOGIC" if the input signal is Pro Logic, or "Stereo" if a stereo signal is being input.

**NOTE:** Many DVD discs support multi-soundtrack options, so the digital signal input to the DX 333 will be determined by the DVD player settings. The DX 333 stores the last settings when switched off, and will restore these settings when next switched on.

## 4. Adjusting the volume levels:

- The volume of the Centre, Surround (rear) and Sub Woofer channels can be individually set according to personal preference and room conditions.
- Selecting TEST (4) outputs a white noise signal to facilitate setting the volume levels the Centre, Surround and Sub Woofer channels.
- Use the +/- buttons (9) to set the sound level of each channel. Press TEST (4) again to switch off the test tone.

## 5. Tone adjustment:

- The system tone can be adjusted using the BASS +/- buttons (13) and TREBLE +/- buttons (14) in the range of +/- 10 dB.

## 6. Standby:

- If the DX 333 is not going to be used for a while, selecting STANDBY (1) switches the system into standby (power save) mode, indicated by the STANDBY indicator on the front panel. Reselecting STANDBY (1) restores the system to normal operation, with all previous settings.

**NOTE:** If the DX 333 is not going to be used for a period of time, it is recommended to switch OFF the system with the power switch.

## 7. Mute:

- To temporarily mute the sound output of the DX 333, select MUTE (8). The MUTE indicator on the front panel indicates the system is muted. To restore the system to normal operation, reselect MUTE (8).

# TROUBLESHOOTING

## System does not switch on:

- Check mains lead securely fitted to a working mains outlet socket.

## No sound from one or more channels:

- There is a short delay after switching on before the system starts functioning.
- Check all speakers connections are correct and all leads are secured.
- Check all input leads are correctly wired and all connectors are securely fitted.
- Check the settings of the input device (DVD player, etc.)
- Check channel volume settings.
- Check that the MUTE or STANDBY function is not selected.

## Volume level low:

- Check master volume setting.
- Check individual channel volume settings.

## Sound distortion:

- Check all inputs are correctly wired up.
- Check input device settings.
- Check that the volume level is not set too high.

## Remote control not operating correctly:

- Check the battery, if the remote controller only works when close to the DX 333, the battery is getting low - replace with suitable CR 2025 sized battery.
- Check there is nothing obscuring the remote signal sensor on the front panel.
- Check the sub woofer unit is not in direct sunlight, as this can reduce the effectiveness of the remote controller.

We trust you are completely satisfied with this product from Acoustic Solutions Limited, however please feel free to contact us if you experience any difficulties, or if you would like to express your views regarding our products

Please write to:

Acoustic Solutions Limited.  
Grand Union Buildings  
54 High Street  
Weedon Bec  
Northampton  
NN7 4QD  
United Kingdom

Telephone +44 (0)1327 340601  
Fax: +44 (0)1327 342298

[www.acousticsolutions.co.uk](http://www.acousticsolutions.co.uk)

email: [enquiries@acousticsolutions.co.uk](mailto:enquiries@acousticsolutions.co.uk)

Through the process of continuous improvement, Acoustic Solutions Limited reserves the right to change or alter specifications without prior notice. E&OE

REV: 1/029/1.0